Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1 - 12 (Cancelled)

13. (Currently Amended) A vehicle comprising:

a transmission casing arranged in a rear portion of a vehicle body;

a front axle casing arranged in the front portion of the vehicle body; wherein power from an engine is transmitted from an output shaft supported by the transmission casing through a power transmission shaft to an input shaft supported by the front axle casing; and

a gear casing disposed between the transmission casing and the front axle casing wherein:

the gear casing is detachably attached to a clutch housing disposed before the transmission casing;

the output shaft of the transmission casing and an input shaft of the gear casing are arranged coaxially ~~on a same line and connected to each other~~; and

the input shaft of the front axle casing and an output shaft of the gear casing are arranged coaxially ~~on a same line and connected to each other~~.

14. (Previously presented) A vehicle as set forth in claim 13, wherein a differential mechanism is disposed in the front portion of the vehicle and comprises:

a differential connecting left and right output shafts, supported by the front axle casing, through a pair of planetary gear mechanisms;

a turning hydrostatic transmission, giving difference of rotation speed on the output shafts through the planetary gear mechanisms so as to perform turning of the vehicle; and

a mechanical turning transmission, changing power from the turning hydrostatic transmission in speed and then transmitting the power to the differential.

15. (Previously presented) A vehicle as set forth in claim 14, wherein the mechanical turning transmission is a hydraulic-clutch type turning transmission.

16. (Previously presented) A vehicle as set forth in claim 15, wherein the turning transmission is interlockingly connected to a sub transmission disposed in the transmission casing.

17. (Previously presented) A vehicle as set forth in claim 13, wherein:

power from the engine mounted on the vehicle is transmitted to a hydraulic clutch type forward/rearward traveling switching device and a main transmission;

subsequently the power is transmitted to a sub transmission and changed in speed, and then traveling drive is performed;

a turning hydrostatic transmission is actuated so as to control turning of the vehicle; and

pressure oil is returned from the turning hydrostatic transmission through an oil cooler to the transmission casing.

18. (Previously presented) A vehicle as set forth in claim 13, wherein:

power from the engine mounted on the vehicle is transmitted to a hydraulic clutch type forward/rearward traveling switching device and a main transmission;

subsequently the power is transmitted to a sub transmission and changed in speed, and then traveling drive is performed;

a turning hydrostatic transmission is actuated so as to control turning of the vehicle; and

pressure oil returning from the turning hydrostatic transmission is supplied through an oil cooler to frictional boards of the hydraulic clutch of the forward/rearward traveling switching device.

19. (Previously presented) A vehicle as set forth in claim 13, wherein:

a crawler traveling unit is provided on the vehicle;

the crawler traveling unit is constructed so that a track roller is provided between a drive sprocket and an idler and a crawler belt is wound around the drive sprocket, the idler and the track roller;

a shaft rotatably supporting the track roller is divided into plural parts; and

the divided shafts are connected to each other through an elastic member.

20. (Previously presented) A vehicle as set forth in claim 19, wherein ends of the divided shafts are shaped so as to engage with each other.

21. (Previously presented) A vehicle as set forth in claim 20, wherein the ends of the divided shafts are shaped so as to mesh with each other.

22. (Currently Amended) A vehicle comprising:

a transmission casing arranged in a rear portion of a vehicle body;

a front axle casing arranged in the front portion of the vehicle body; wherein power from an engine is transmitted from an output shaft supported by the transmission casing through a power transmission shaft to an input shaft supported by the front axle casing; and

a gear casing disposed between the transmission casing and the front axle casing; wherein:

the gear casing is constructed integrally with a flywheel casing disposed behind the engine;

the output shaft of the transmission casing and an input shaft of the gear casing are arranged coaxially ~~on a same line and connected to each other~~; and

the input shaft of the front axle casing and an output shaft of the gear casing are arranged coaxially ~~on a same line and connected to each other~~.

23. (Previously presented) A vehicle as set forth in claim 22, wherein a differential mechanism disposed in the front portion of the vehicle comprises:

a differential connecting left and right output shafts, supported by the front axle casing, through a pair of planetary gear mechanisms;

a turning hydrostatic transmission, giving difference of rotation speed on the output shafts through the planetary gear mechanisms so as to perform turning of the vehicle; and

a mechanical turning transmission, changing power from the turning hydrostatic transmission in speed and then transmitting the power to the differential.

24. (Previously presented) A vehicle as set forth in claim 23, wherein the mechanical turning transmission is a hydraulic-clutch type turning transmission.

25. (Previously presented) A vehicle as set forth in claim 23, wherein the turning transmission is interlockingly connected to a sub transmission disposed in the transmission casing.

26. (Previously presented) A vehicle as set forth in claim 22, wherein:

power from the engine mounted on the vehicle is transmitted to a hydraulic clutch type forward/rearward traveling switching device and a main transmission;

subsequently the power is transmitted to a sub transmission and changed in speed, and then traveling drive is performed;

a turning hydrostatic transmission is actuated so as to control turning of the vehicle; and

pressure oil is returned from the turning hydrostatic transmission through an oil cooler to the transmission casing.

27. (Previously presented) A vehicle as set forth in claim 22, wherein:

power from the engine mounted on vehicle is transmitted to a hydraulic clutch type forward/rearward traveling switching device and a main transmission;

subsequently the power is transmitted to a sub transmission and changed in speed, and then traveling drive is performed;

a turning hydrostatic transmission is actuated so as to control turning of the vehicle; and

pressure oil returning from the turning hydrostatic transmission is supplied through an oil cooler to frictional boards of the hydraulic clutch of the forward/rearward traveling switching device.

28. (Previously presented) A vehicle as set forth in one of claims 22, wherein:

a crawler traveling unit is provided on the tractor;

the crawler traveling unit is constructed so that a track roller is provided between a drive sprocket and an idler and a crawler belt is wound around the drive sprocket, the idler and the track roller;

a shaft rotatably supporting the track roller is divided into plural parts; and

the divided shafts are connected to each other through an elastic member.

29. (Previously presented) A vehicle as set forth in claim 28, wherein ends of the divided shafts are shaped so as to engage with each other.

30. (Previously presented) A vehicle as set forth in claim 29, wherein the ends of the divided shafts are shaped so as to mesh with each other.